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Dmt
587-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hara, et al.
Serial No. : 09/699,133
Filed : October 27, 2000
Title : CARRIERS FOR CELL CULTURE AND METHODS FOR CULTURING
CELLS USING THE SAME

Art Unit : 1651
Examiner : David Naff

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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RESPONSE

In response to the Office Action mailed December 17, 2002, please enter the following amendments are remarks:

IN THE CLAIMS:

Please cancel claims 5, and 27-28 without prejudice.

Please amend the claims as follows:

1-5. (Canceled)

6. (Currently Amended) A method for piling up a cell forming a structure having multiple cell layers, wherein the method comprises comprising:

B1 (a) forming a cell layer on a carrier; ~~wherein~~ wherein the carrier comprises a porous membrane and an alginate gel layer which is formed on the porous membrane;

(b) solubilizing ~~an~~ the alginate gel layer of the carrier thereby exfoliating the cell layer from a the porous membrane of the carrier; and

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

May 16, 2003

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